

Water-retention and flow-delay drainage board for semi-intensive and intensive green roofs and hard-surface pedestrian areas for flat roofs and zero-degree slope roof construction, made of recycled high-impact polystyrene (HIPS). ...

A green roof can be advanced with a solar PV array for renewable energy generation and a blue roof to assist in the prevention of localised flooding for stormwater attenuation. ... A blue roof within a green roof where the substrate ...

Drainage board, perforated on both sides, made of high-impact polystyrene, height 25 mm, with lower and upper drainage openings for the unhindered water drainage of paved/wooden surfaces of roof areas and for gravel roof build-up. ...

Legend. 1 Diffusion opening; 2 Precipitation retention cell; 3 Stud; 4 Shoulder; The ArchiGreen &#174; SedumDrain &#174; 25 is a black water reservoir and multi-directional runoff-delay drainage board ...

The PV system can be integrated directly into the roof cladding through in-roof mounting. The PV modules replace the roof covering in this process. PV modules are mounted on fastening rails, ...

roofresearch,technology,andusage(Herman,2003) 2 layer was a 1.9-cm-thick insulation layer of Fesco board con- ... Potential water retention capacity of the green roof sys-ment. Seedlings ...

Application area: UltimateDrain &#174; 40 is a highly versatile, multi-functional drainage board for virtually any form of green roof landscaping. UltimateDrain &#174; 40 boards are very popular ...

The SOLAR GREEN ROOF WRB is a load-bearing solar mounting system for the roof-penetration-free mounting of PV modules or PV module rows. The versatile substructure makes it possible to mount almost all standard solar modules ...

Such an extensive green roof will have a water retention capacity up to 44 l/m&#178; and a surface weight in water saturated condition about 130 kg/m&#178;,. ... To increase the ecological value of the ...

Installing a solar panel roof. Installing solar panels on roofs can seem like a major project, but it is not as disruptive as you first think. The vast majority of the assembly occurs on the ground ...

The Nophadrain Solar water retention system is a ballasted solar panel mounting system combined with a water retention roof with extensive vegetation. The mounting system is available in a 10&#176; or 15&#176; placement.

The ArchiGreen &#174; SedumDrain &#174; 25 is a black water reservoir and multi-directional runoff-delay drainage board made of recycled high impact polystyrene (HIPS) for use on intensive, semi ...

Even multiple amounts of water are possible, depending on how the spacer elements are modified. These storage volumes are therefore in addition to the storage capacity of the actual ...

No water retention. Whatever the orientation of your solar panels water will drain off due to the mounting with studs. ... Studs of Roof-Solar EPDM photovoltaic mounting system are mechanically fastened to the load-bearing element ...

SOPRANATURE MRB 30 is a moisture retention board with drainage properties made from 100% recycled polyester. SOPRANATURE MRB 30 is used in flat or sloped green roofing systems to retain a certain amount of water and channel ...

The secret of green roof water retention is green. Retention works like this: rain falls onto a relatively dry green roof, and the green roof absorbs the water, usually in pore spaces. Later, the sun comes out, and the ...

Web: <https://www.gennergyps.co.za>